

FLAME-RESISTANT POLYCARBONATE COMPOSITIONS CONTAINING
PHOSPHORUS-SILICON COMPOUNDSABSTRACT OF THE DISCLOSURE

A flame resistant poly(ester)carbonate composition is disclosed. The composition contains at least one phosphorus-silicon compound, the compound has a phosphorus content of 1 to 20 % and a silicon content of 1 to 20 %, and is characterized in that its weight loss (assessed by thermogravimetric analysis under nitrogen inert gas at a heating rate of 20° K/min,) at 280°C is less than 30 %. The preferred phosphorus-silicon compound is produced by thermal oligomerization from phosphorylated silanes.